

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A system in connection with a cold-storage/ freezer space, said cold-storage/freezer space ~~comprising~~ including at least one door with at least two transparent sheets, a conductive layer being placed on one of the sheets to function as a heating element to keep said sheets free of condensation, the system comprising:

a moisture sensor and a first temperature sensor on the side which is warm when using the cold-storage/freezer space, said moisture and first temperature sensors being connected to a control unit, said control unit regulating ~~[[the]]~~ a supply of power to said conductive layer,

wherein the system ~~also comprises~~ further includes a second temperature sensor in said cold-storage/freezer space, ~~[[i.e.]]~~ on the side which is cold when using the cold-storage/ freezer space, said second temperature sensor being connected to said control unit.

2. (Currently Amended) A system as claimed in claim 1, in which said control unit is arranged in ~~[[the]]~~ a doorframe.

3. (Currently Amended) A system as claimed in claim 1, in which said control unit is a separate unit arranged separately from said at least one door.

4. (Currently Amended) A system as claimed in claim 1, in which the control unit is programmed to keep [[the]] a surface temperature on the outside of the sheet on the warm side above [[the]] a dew point of [[the]] ambient air.

5. (Currently Amended) A system as claimed in claim 4, [[into]] in which an experience curve is programmed into the system.

6. (Previously Presented) A system as claimed in claim 1, in which a plug interface is connected to the control unit to allow reprogramming.

7. (Currently Amended) A system as claimed in claim 1, in which said second temperature sensor is arranged in [[the]] an upper part of [[the]] a doorframe.

8. (Currently Amended) A system as claimed in claim 1, in which light-emitting diodes are arranged to indicate [[the]] an operating status of the system.

9. (Previously Presented) A system as claimed in claim 1, to which a change-over switch is connected to allow use of the same system for different types of doors and operating conditions.

10. (Previously Presented) A system as claimed in claim 1, in which said transparent sheet is a sheet of glass.